# BRUHAT BANGALORE MAHANAGARA PALIKE
BYTARAYANPURA DIVISION

**Name of Work:**

Package 2 Includes 3 Works Rs.100.00lakhs.

1. Providing Cement Concrete Road and Improvements to Roads and Drains at bharath Nagar cross roads near baloon factory in ward no 06 byatarayanapura sub division.

2. Asphalting to Roads and Improvements to Drains at Defence Layout and Ashrama Road in ward no.6 Byatrayanapura Sub Division

3. Improvements to Road and Drains at Fathima Layout Main Road in Ward no.6 Byatarayanapura Sub Division

1ST& FINAL BILL

## TOTAL ABSTRACT

TEJUS CONSULTANTS
CONSULTING ENGINEERS AND DESIGNERS
No.58 MIG, 6th Cross, 3rd Main
1st Stage, Basaveshwaranagar
Bangalore-560079
☎ 080 - 23287532
email: tejusconsultants@gmail.com

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**Bruhat Bengaluru Mahanagara Palike**

**Bytarayanapura Division**

**TOTAL ABSTRACT**

**Name Of work : -Package 2 Includes 3 Works of Rs .100.00 Lakhs.**

**Job Code :- 006-18-000031, 006-18-000033, 006-18-000037**

**Name of Contractor :- M/S Sathya constructions.**

**Bill No :- First and Final Bill**

**Measurements recorded on**

| BOQ Item No | Description | Unit | | Qty | Rate | Amount | Remarks |
|---|---|---|---|---|---|---|---|
| 1 | **KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 (P.No.142, I.No.19.1 of PW, P&IWTD SR 2016-17)** | | | | | | |
| a | baloon factory | | | 94.68 | | | |
| b | Defence Layout | | | 307.41 | | | |
| c | Fathima Layout | | | 356.31 | | | |
| | Present Qty | | | 758.40 | | | |
| | Previous Bill Qty | | | 0.00 | | | |
| | Total | | | 758.40 | | | |
| | BOQ qty | | | 758.40 | | | |
| | **Qty to be paid** | **Cum** | | **758.40** | **201.67** | **152946.53** | |
| 2 | **Removing and refixing stone slabs of drains and pointing in CM (1:3) (P.No.25, I.No.5.33 of PW, P&IWTD SR 2016-17)** | | | | | | |
| a | baloon factory | | | 500.85 | | | |
| b | Defence Layout | | | 972.00 | | | |
| c | Fathima Layout | | | 452.92 | | | |
| | Present Qty | | | 1925.77 | | | |
| | Previous Bill Qty | | | 0.00 | | | |
| | Total | | | 1925.77 | | | |
| | BOQ qty | | | 1925.77 | | | |
| | **Qty to be paid now** | **Sqm** | | **1925.77** | **86.92** | **167387.93** | |
| 3 | **Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 7.5cms thick (P.No.25, I.No.5.31.1 of PW, P&IWTD SR 2016-17)** | | | | | | |
| a | baloon factory | | | 55.35 | | | |
| b | Defence Layout | | | 539.55 | | | |
| c | Fathima Layout | | | 99.90 | | | |
| | Present Qty | | | 694.80 | | | |
| | Previous Bill Qty | | | 0.00 | | | |
| | Total | | | 694.80 | | | |
| | BOQ qty | | | 695.48 | | | |
| | **Qty for payment** | **Sqm** | | **694.80** | **718.20** | **499005.36** | |
| 4 | **KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.No.12, I.No.4.2 of PW,P&IWTD S.R 2016-17)** | | | | | | |

Consultant

Assistant Engineer 15/05/2020

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Assistant Executive Engineer 15/5/2020

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| BOQ Item No | Description | Unit | | Qty | Rate | Amount | Remarks |
|---|---|---|---|---|---|---|---|
| a | baloon factory | | | 253.43 | | | |
| b | Defence Layout | | | 5.08 | | | |
| c | Fathima Layout | | | 21.56 | | | |
| | Present Qty | | | 280.07 | | | |
| | Previous Bill Qty | | | 0.00 | | | |
| | Total | | | **280.07** | | | |
| | BOQ qty | | | 280.07 | | | |
| | **Qty for payment** | **cum** | | **280.07** | **5770.78** | **1616222.35** | |
| 5 | **KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specifcation No. KBS 4.6.2 (P.No.15, I.No.4.28 of PW, P&IWTD S.R 2016-17)** | | | | | | |
| a | baloon factory | | | 0.00 | | | |
| b | Defence Layout | | | 0.00 | | | |
| c | Fathima Layout | | | 58.80 | | | |
| | Present Qty | | | 58.80 | | | |
| | Previous Bill Qty | | | 0.00 | | | |
| | Total | | | **58.80** | | | |
| | BOQ qty | | | 60.60 | | | |
| | **Qty to be paid now** | **Sqm** | | **58.80** | **264.18** | **15533.78** | |
| 6 | **KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surfaces such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No.KBS 4.6.2 (P.No.15, I.No.4.28 of PW, P&IWTD S.R 2016-17)** | | | | | | |
| a | baloon factory | | | 0.00 | | | |
| b | Defence Layout | | | 0.00 | | | |
| c | Fathima Layout | | | 484.80 | | | |
| | Present Qty | | | 484.80 | | | |
| | Previous Bill Qty | | | 0.00 | | | |
| | Total | | | **484.80** | | | |
| | BOQ qty | | | 484.80 | | | |
| | **Qty to be paid now** | **Sqm** | | **484.80** | **335.08** | **162446.78** | |
| 7 | **Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) M 20 for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, for raft foundation column footing , main and secondary beams with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.)Ready mixed concrete M20 for Raft foundation,column,footing,main and secondary beams(P.No.18, I.No.4.48 of PW, P&IWTD S.R 2016-17)** | | | | | | |
| a | baloon factory | | | 0.00 | | | |
| b | Defence Layout | | | 0.00 | | | |
| c | Fathima Layout | | | 63.62 | | | |
| | Present Qty | | | 63.62 | | | |
| | Previous Bill Qty | | | 0.00 | | | |
| | Total | | | **63.62** | | | |
| | BOQ qty | | | 63.63 | | | |
| | **Qty to be paid now** | **Sqm** | | **63.62** | **6723.42** | **427743.98** | |

Consultant

Assistant Engineer 15/5/2020

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Assistant Executive Engineer 15/5/2020

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| BOQ Item No | Description | Unit | | Qty | Rate | Amount | Remarks |
|---|---|---|---|---|---|---|---|
| 8 | **KSRB - 4.9.2: Providing TMT steel Fe500 reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3. (P.No.17, I.No.4.46.2 of PW, P&IWTD S.R 2016-17)** | | | | | | |
| a | baloon factory | | | 0.00 | | | |
| b | Defence Layout | | | 0.00 | | | |
| c | Fathima Layout | | | 2.74 | | | |
| | Present Qty | | | 2.74 | | | |
| | Previous Bill Qty | | | 0.00 | | | |
| | Total | | | **2.74** | | | |
| | BOQ qty | | | 2.87 | | | |
| | **Qty to be paid now** | **Sqm** | | **2.74** | **79505.44** | **217844.91** | |
| 9 | **Providing and fixing RCC Precast cover slab of 250mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)** | | | | | | |
| a | baloon factory | | | 0.00 | | | |
| b | Defence Layout | | | 25.20 | | | |
| c | Fathima Layout | | | 0.00 | | | |
| | Present Qty | | | 25.20 | | | |
| | Previous Bill Qty | | | 0.00 | | | |
| | Total | | | **25.20** | | | |
| | BOQ qty | | | 25.20 | | | |
| | **Qty to be paid now** | **Sqm** | | **25.20** | **5736.51** | **144560.05** | |
| 10 | **KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. MORTH Specification No.301 (P.No.143, I.No.19.14 of PW,P&IWTD S.R 2016-17)** | | | | | | |
| a | baloon factory | | | 253.43 | | | |
| b | Defence Layout | | | 562.78 | | | |
| c | Fathima Layout | | | 265.47 | | | |
| | Present Qty | | | 1081.68 | | | |
| | Previous Bill Qty | | | 0.00 | | | |
| | Total | | | **1081.68** | | | |
| | BOQ qty | | | 1081.68 | | | |
| | **Qty to be paid now** | **Sqm** | | **1081.68** | **160.50** | **173609.64** | |

Consultant

Assistant Engineer

Assistant Executive Engineer

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| BOQ Item No | Description | Unit | Qty | Rate | Amount | Remarks |
|---|---|---|---|---|---|---|
| 11 | **KSRRB M 400-17, Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density.complete as per specifications. MORTH Specification No. 406 (P.No.158, I.No.20.18 of PW,P&IWTD SR 2016-17)** | | | | | |
| a | baloon factory | | 0.00 | | | |
| b | Defence Layout | | 703.48 | | | |
| c | Fathima Layout | | 212.11 | | | |
| | Present Qty | | 915.59 | | | |
| | Previous Bill Qty | | 0.00 | | | |
| | Total | | **915.59** | | | |
| | BOQ qty | | 915.59 | | | |
| | **Qty to be paid now** | **Sqm** | **915.59** | **1907.58** | **1746559.26** | |
| 12 | **KSRRB M 500-6, Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kglsqm using mechanical means complete as per specifications. As per MORTH specification clause No. 502 (P.No.161, I.No.21.6 of PW,P&IWTD SR 2016-17)** | | | | | |
| a | baloon factory | | 0.00 | | | |
| b | Defence Layout | | 2813.90 | | | |
| c | Fathima Layout | | 1060.78 | | | |
| | Present Qty | | 3874.68 | | | |
| | Previous Bill Qty | | 0.00 | | | |
| | Total | | **3874.68** | | | |
| | BOQ qty | | 3874.70 | | | |
| | **Qty to be paid now** | **Sqm** | **3874.68** | **32.02** | **124067.25** | |
| 13 | **KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH specification clause 501 (P.No.161 I.No.21.2 of PW,P&IWTD SR of 2016-17)** | | | | | |
| a | baloon factory | | 0.00 | | | |
| b | Defence Layout | | 0.00 | | | |
| c | Fathima Layout | | 850.00 | | | |
| | Present Qty | | 850.00 | | | |
| | Previous Bill Qty | | 0.00 | | | |
| | Total | | **850.00** | | | |
| | BOQ qty | | 850.30 | | | |
| | **Qty to be paid now** | **Sqm** | **850.00** | **3.43** | **2915.50** | |
| 14 | **KSRRB M500-7 : Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH / Chapter 5 (P.No.161 I.No.21.7 of PW,P&IWTD SR of 2016-17)** | | | | | |

Consultant

Assistant Engineer

Assistant Executive Engineer

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| Sl No | Description | Unit | | Qty | Rate | Amount | Remarks |
|---|---|---|---|---|---|---|---|
| a | baloon factory | | | 0.00 | | | |
| b | Defence Layout | | | 2813.90 | | | |
| c | Fathima Layout | | | 2071.10 | | | |
| | Present Qty | | | 4885.00 | | | |
| | Previous Bill Qty | | | 0.00 | | | |
| | Total | | | **4885.00** | | | |
| | BOQ qty | | | 4885.00 | | | |
| | **Qty to be paid now** | **Sqm** | | **4885.00** | **13.72** | **67022.20** | |
| 15 | **KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH Specification No. 507 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen (P.No.163 of I.No.21.27.6 in PW,P&IWTD S.R 2016-17)** | | | | | | |
| a | baloon factory | | | 0.00 | | | |
| b | Defence Layout | | | 0.00 | | | |
| c | Fathima Layout | | | 8.00 | | | |
| | Present Qty | | | 8.00 | | | |
| | Previous Bill Qty | | | 0.00 | | | |
| | Total | | | **8.00** | | | |
| | BOQ qty | | | 8.00 | | | |
| | **Qty to be paid now** | **Sqm** | | **8.00** | **7591.44** | **60731.52** | |
| 16 | **KSRRB M500-19. Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications. MORTH Specification No. 509 (P.No.165 of I.No.21.22.6 in PW,P&IWTD S.R 2016-17)** | | | | | | |
| a | baloon factory | | | 0.00 | | | |
| b | Defence Layout | | | 112.56 | | | |
| c | Fathima Layout | | | 76.44 | | | |
| | Present Qty | | | 189.00 | | | |
| | Previous Bill Qty | | | 0.00 | | | |
| | Total | | | **189.00** | | | |
| | BOQ qty | | | 189.00 | | | |
| | **Qty to be paid now** | **Sqm** | | **189.00** | **8645.87** | **1634034.85** | |

Consultant

15/5/2020
Assistant Engineer
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ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

15/5/2020
Assistant Executive Engineer
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
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| Sl No | Description | Unit | | Qty | Rate | Amount | Remarks |
|---|---|---|---|---|---|---|---|
| 17 | KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803.(P.No.185, I.No.24.15 of PW,P&IWTD SR 2016-17) | | | | | | |
| a | baloon factory | | | 0.00 | | | |
| b | Defence Layout | | | 106.70 | | | |
| c | Fathima Layout | | | 63.80 | | | |
| | Present Qty | | | 170.50 | | | |
| | Previous Bill Qty | | | 0.00 | | | |
| | Total | | | **170.50** | | | |
| | BOQ qty | | | 171.00 | | | |
| | Qty to be paid now | Sqm | | **170.50** | **585.54** | **99834.57** | |
| 18 | KSRB 5.2-3: Providing and constructing granite size stone masonry in foundation cement mortor 1:6, stone hammered dressed in courses not less than 20cms high, bond stones at 2m. apart in each course including cost of materaials, labour, curing complete as per specifications. Specifcation No. KBS 5.1.13.(using available stones) (P.No.23, I.No.5.6 of PW, P&IWTD S.R 2016-17) | | | | | | |
| a | baloon factory | | | 0.00 | | | |
| b | Defence Layout | | | 13.41 | | | |
| c | Fathima Layout | | | 0.00 | | | |
| | Present Qty | | | 13.41 | | | |
| | Previous Bill Qty | | | 0.00 | | | |
| | Total | | | **13.41** | | | |
| | BOQ qty | | | 13.44 | | | |
| | Qty to be paid now | Sqm | | **13.41** | **4788.40** | **64212.44** | |
| 19 | KSRB 15.1.1 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P.No.113, I.No.15.1 of PW, P&IWTD S.R 2016-17) | | | | | | |
| a | baloon factory | | | 0.00 | | | |
| b | Defence Layout | | | 22.40 | | | |
| c | Fathima Layout | | | 0.00 | | | |
| | Present Qty | | | 22.40 | | | |
| | Previous Bill Qty | | | 0.00 | | | |
| | Total | | | **22.40** | | | |
| | BOQ qty | | | 22.40 | | | |
| | Qty for payment | cum | | **22.40** | **110.93** | **2484.83** | |
| 20 | KSRB 4-1.6: Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.6 of PW,P&IWTD S.R 2016-17) | | | | | | |

Consultant

Assistant Engineer

ಸಹಾಯಕ ಅಭಿಯಂತರರು

ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೃಹತ್‌ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Assistant Executive Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು

ಬೃಹತ್‌ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-24

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| BOQ Item No | Description | Unit | | Qty | Rate | Amount | Remarks |
|---|---|---|---|---|---|---|---|
| a | baloon factory | | | 0.00 | | | |
| b | Defence Layout | | | 1.68 | | | |
| c | Fathima Layout | | | 0.00 | | | |
| | Present Qty | | | 1.68 | | | |
| | Previous Bill Qty | | | 0.00 | | | |
| | Total | | | **1.68** | | | |
| | BOQ qty | | | 1.68 | | | |
| | **Qty to be paid now** | **Sqm** | | **1.68** | **6222.51** | **10453.82** | |
| | | | | | | | |
| 21 | **Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)** | | | | | | |
| a | baloon factory | | | 0.00 | | | |
| b | Defence Layout | | | 0.00 | | | |
| c | Fathima Layout | | | 181.80 | | | |
| | Present Qty | | | 181.80 | | | |
| | Previous Bill Qty | | | 0.00 | | | |
| | Total | | | **181.80** | | | |
| | BOQ qty | | | 181.80 | | | |
| | **Qty to be paid now** | **Sqm** | | **181.80** | **1960.36** | **356393.45** | |
| | | | | | | | |
| 22 | **Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. - M20 (at 300Kg per cum coarse aggregate @ 0.64cum and fine aggregate @ 0.43cum) (P.No.176, I.No.22.6.2 of PW,P&IWTD SR 2016-17)** | | | | | | |
| a | baloon factory | | | 168.95 | | | |
| b | Defence Layout | | | | | | |
| c | Fathima Layout | | | | | | |
| | Present Qty | | | 168.95 | | | |
| | Previous Bill Qty | | | 0.00 | | | |
| | Total | | | **168.95** | | | |
| | BOQ qty | | | 169.10 | | | |
| | **Qty to be paid now** | **Sqm** | | **168.95** | **6708.56** | **1133411.21** | |
| | | | | | | | |

Consultant

Assistant Engineer 15/5/2020

Assistant Executive Engineer 15/5/2020

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| Item No | Description | Unit | | Qty | Rate | Amount | Remarks |
|---|---|---|---|---|---|---|---|
| 23 | **Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift.(P.No.177, I.No.22.7 of PW, P&IWTD SR 2016-17)** | | | | | | |
| a | baloon factory | | | 1689.54 | | | |
| b | Defence Layout | | | 0.00 | | | |
| c | Fathima Layout | | | 0.00 | | | |
| | Present Qty | | | 1689.54 | | | |
| | Previous Bill Qty | | | 0.00 | | | |
| | Total | | | **1689.54** | | | |
| | BOQ qty | | | 1691.00 | | | |
| | **Qty to be paid now** | **Sqm** | | **1689.54** | **102.93** | **173904.35** | |
| 24 | **KSRRB M2100-1.1. Earth work in excavation for foundation of structures as per drawing and technical specifications, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material complete as per specifications I. Ordinary soil - A . Manual Means (i) Depth upto 3m MORTH Specification No. 304 (P.No.209, I.No.27.1 of PW, P&IWTD S.R 2016-17)** | | | | | | |
| a | baloon factory | | | 0.00 | | | |
| b | Defence Layout | | | 0.00 | | | |
| c | Fathima Layout | | | 74.24 | | | |
| | Present Qty | | | 74.24 | | | |
| | Previous Bill Qty | | | 0.00 | | | |
| | Total | | | **74.24** | | | |
| | BOQ qty | | | 74.24 | | | |
| | **Qty to be paid now** | **Sqm** | | **74.24** | **248.56** | **18453.09** | |
| 25 | **KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. specification. No. KBS (P.No.6, I.No.2.15 of PW, P&IWTD S.R 2016-17)** | | | | | | |
| a | baloon factory | | | 0.00 | | | |
| b | Defence Layout | | | 0.00 | | | |
| c | Fathima Layout | | | 13.92 | | | |
| | Present Qty | | | 13.92 | | | |
| | Previous Bill Qty | | | 0.00 | | | |
| | Total | | | **13.92** | | | |
| | BOQ qty | | | 13.92 | | | |
| | **Qty to be paid now** | **Sqm** | | **13.92** | **2417.64** | **33653.55** | |
| 26 | **KSRRB M2100-13. Plain / Reinforced Cement Concrete M15 with OPC cement @ 240kgs, with 40mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @ 0.56cum in Open Foundation complete as per Drawing and Technical Specifications MORTH Specification No. 1500,1700 & 2100 (P.No.211, I.No.27.24 of PW, P&IWTD S.R 2016-17)** | | | | | | |
| a | baloon factory | | | 0.00 | | | |
| b | Defence Layout | | | 0.00 | | | |
| c | Fathima Layout | | | 5.52 | | | |

Consultant

Assistant Engineer 15/5/2020

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Assistant Executive Engineer 15/5/2020

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

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| Item No | Description | Unit | | Qty | Rate | Amount | Remarks |
|---|---|---|---|---|---|---|---|
| | Present Qty | | | 5.52 | | | |
| | Previous Bill Qty | | | 0.00 | | | |
| | Total | | | 5.52 | | | |
| | BOQ qty | | | 5.52 | | | |
| | Qty to be paid now | Sqm | | 5.52 | 6492.56 | 35838.93 | |
| 27 | Diversion of water course by providing Coffer dams or bunds or islands as may be necessary for piers and abutments foundations, bailing out or pumping water during excavation and until completion etc., complete. - - beyond 1.50 mtrs depth upto & including 3m depth. (P.No.257, I.No.37.41.2 of PW, P&IWTD S.R 2016-17) | | | | | | |
| a | baloon factory | | | 0.00 | | | |
| b | Defence Layout | | | 0.00 | | | |
| c | Fathima Layout | | | 0.00 | | | |
| | Present Qty | | | 0.00 | | | |
| | Previous Bill Qty | | | 0.00 | | | |
| | Total | | | 0.00 | | | |
| | BOQ qty | | | 10.20 | | | |
| | Qty to be paid now | Sqm | | 0.00 | 377.40 | 0.00 | |
| 28 | KSRRB M2100-20.2. Plain / Reinforced Cement Concrete in Open Foundation with OPC cement design mix M35 @ 390kgs, with 20mm and down size graded granite metal coarse aggregates @0.68cum and fine aggregates @ 0.45cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008. case II : With Batching Plant, Transit Mixer and Concrete Pump MORTH Specification No. 1500,1700 & 2100 (P.No.213, I.No.27.37. of PW, P&IWTD S.R 2016-17) | | | | | | |
| a | baloon factory | | | 0.00 | | | |
| b | Defence Layout | | | 0.00 | | | |
| c | Fathima Layout | | | 12.25 | | | |
| | Present Qty | | | 12.25 | | | |
| | Previous Bill Qty | | | 0.00 | | | |
| | Total | | | 12.25 | | | |
| | BOQ qty | | | 12.248 | | | |
| | Qty to be paid now | Sqm | | 12.25 | 7377.58 | 90375.36 | |
| 29 | KSRRB M2200-5.18.Design mix M35 with OPC cement @ 390kgs, with 20mm and down size graded granite metal coarse aggregates @0.68cum and fine aggregates @ 0.45cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 - i) U pto 5m height, (P.No.214, I.No.28.7.18 of PW, P&IWTD S.R 2016-17) | | | | | | |
| a | baloon factory | | | 0.00 | | | |
| b | Defence Layout | | | 0.00 | | | |
| c | Fathima Layout | | | 21.30 | | | |
| | Present Qty | | | 21.30 | | | |
| | Previous Bill Qty | | | 0.00 | | | |
| | Total | | | 21.30 | | | |
| | BOQ qty | | | 21.548 | | | |
| | Qty to be paid now | Sqm | | 21.30 | 8310.79 | 177019.83 | |

Consultant

Assistant Engineer

Assistant Executive Engineer

15/5/2020

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| | Description | Unit | | Qty | Rate | Amount | Remarks |
|---|---|---|---|---|---|---|---|
| 30 | KSRRB M2200- TMT/MS Bar Reinforcement KSRRB M2200-6. Supplying, fitting and placing TMT bar reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specificationsMORTH Specification No.1600 & 2200 - TMT Bars Fe 500 (P.No.214, I.No.28.8.2 of PW, P&IWTD S.R 2016-17) | | | | | | |
| | | | | 0.00 | | | |
| 4 | baloon factory | | | 0.00 | | | |
| 5 | Defence Layout | | | 3.72 | | | |
| 6 | Fathima Layout | | | 3.72 | | | |
| | Present Qty | | | 0.00 | | | |
| | Previous Bill Qty | | | 3.72 | | | |
| | Total | | | 3.72 | | | |
| | BOQ qty | | | 3.72 | 62673.43 | 233145.16 | |
| | Qty to be paid now | Sqm | | | | | |
| | | | | GRAND TOTAL | | 9641786.55 | |
| | GRAND TOTAL | | | | | | |

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Assistant Engineer 15/5/2020

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